

54. (New) The apparatus of Claim 47, wherein said fluorine-containing compound which does not contain silicon is selected from the group consisting of  $F_2O$ ,  $F_2O_2$ ,  $NF_3$ ,  $NOF$ ,  $NO_2F$ ,  $SF_6$ ,  $SF_4$ ,  $S_2F_2$ ,  $S_2F_{10}$ ,  $CF_4$ ,  $CH_2F_2$ ,  $CHF_3$ ,  $CH_3F$ , and combinations thereof.

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55. (New) The apparatus of Claim 49, wherein said fluorine-containing compound which does not contain silicon is selected from the group consisting of  $F_2O$ ,  $F_2O_2$ ,  $NF_3$ ,  $NOF$ ,  $NO_2F$ ,  $SF_6$ ,  $SF_4$ ,  $S_2F_2$ ,  $S_2F_{10}$ ,  $CF_4$ ,  $CH_2F_2$ ,  $CHF_3$ ,  $CH_3F$ , and combinations thereof.

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### REMARKS

Applicants are submitting two sheets of drawings, with the proposed changes marked in red. In particular, Figures 2 and 3 have been amended to designate the gas panel as reference numeral 228. Reference numeral 222 had previously been used to designate both the RF bias power source (in Figure 2) and the gas panel (in Figures 2 and 3). Figure 2 has also been amended to designate the plasma as reference numeral 236. Reference numeral 230 had previously been used to designate both the reactor sidewall and the plasma in Figure 2. In addition, due to space constraints, Figure 2 and Figure 3 have been divided into Figures 2A and 2B, and Figures 3A and 3B, respectively. The marked-up drawings enclosed herewith include the changes specifically described above. Also enclosed are 11 sheets of proposed formal drawings to replace the originally filed informal drawings.

The title has been amended to reflect the presently claimed invention.

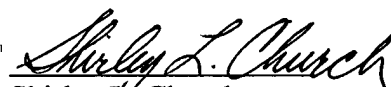
Numerous amendments have been made to the specification for the purpose of correcting typographical/grammatical errors and/or clarifying language.

Claims 1 - 35, which have been allowed in the parent application, U.S. Serial No. 09/405,349, are cancelled without prejudice. Claim 36 has also been cancelled without prejudice, to be prosecuted in a subsequently filed divisional application.

Claim 37 has been amended, as set forth above, for the purpose of clarifying the claim language. New Claims 38 - 55 have been added, as set forth above, in order to fully claim applicants' invention. Amended Claim 37 and new Claims 38 - 55 are fully supported by the originally filed specification, claim set, and drawings, and no new matter has been added to the subject application. In particular, Claims 38 - 55 merely incorporate features allowed in the method claims into apparatus control provisions.

Applicants believe that the claims as amended are in condition for allowance, and the Examiner is respectfully requested to enter the requested amendments and to pass the application to allowance. The Examiner is invited to contact applicants' attorney with any questions or suggestions, at the telephone number provided below.

Respectfully Submitted,

  
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